

Amendments to the Claims:

The listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (Currently Amended) A message routing method for routing application-level messages
2 in a message routing network, comprising:
 - 3 (a) invoking a first service during a logical routing of a an application-level message in a
4 said message routing network, said first service invocation having a first context; and
 - 5 (b) invoking a second service during said logical routing of said message in said message
6 routing network, said second service invocation having a second context that is defined at least in
7 part by said first service.
- 1 2. (Original) The message routing method of claim 1, wherein a context to an invocation
2 includes an identity of an invoker service.
- 1 3. (Original) The message routing method of claim 1, wherein a context to an invocation
2 includes arguments to an invoked service.
- 1 4. (Original) The message routing method of claim 1, wherein a context to an invocation
2 includes a session identifier for said message.
- 1 5. (Original) The message routing method of claim 1, wherein a context to an invocation
2 includes a topic for said message.
- 1 6. (Original) The message routing method of claim 1, wherein a context to an invocation
2 includes billing responsibility for said invocation.
- 1 7. (Original) The message routing method of claim 1, wherein said message routing
2 network controls at least part of an invocation.

1 8. (Original) The message routing method of claim 1, wherein a context of an invocation is
2 included at least in part in a header element of a message.

1 9. (Original) The message routing method of claim 1, wherein a context of an invocation is
2 included at least in part in a body element of a message.

1 10. (Original) The message routing method of claim 1, wherein a context of an invocation is
2 included at least in part in an attachment of a message.

1 11. (Original) The message routing method of claim 1, further comprising restoring said
2 context, upon return from said second service invocation, to said first context.

1 12. (Original) The message routing method of claim 1, further comprising adding a returned
2 context from said second service invocation to said restored context.

1 13. (Currently Amended) A computer program product, stored on a machine-readable
2 medium, comprising instructions operable to cause a computer to:
3 ~~computer-readable program code for causing a computer to invoke a first service during a~~
4 ~~logical routing of a an application-level message in a message routing network, said first service~~
5 ~~invocation having a first context; and~~
6 ~~computer-readable program code for causing a computer to invoke a second service~~
7 ~~during said logical routing of said message in said message routing network, said second service~~
8 ~~invocation having a second context that is defined at least in part by said first service; and~~
9 ~~a computer-usable medium configured to store the computer-readable program codes.~~

1 14. (Currently Amended) A message routing system, comprising:
2 a message routing network that enables message routing of application-level messages
3 between a plurality of services, wherein said routing is based on a logical routing of said
4 message that is effected through a sequence of invocations among said plurality of services,
5 wherein a context of an invocation is defined at least in part by an invoking service, wherein
6 upon return from a service invocation, said message routing network restores a message context
7 to a context state of an invoking service of said service invocation.

- 1 15. (Original) The message routing system of claim 14, wherein a context of an invocation is
2 defined at least in part by a header of a message.
- 1 16. (Original) The message routing system of claim 14, wherein a context to an invocation
2 includes an identity of an invoker service.
- 1 17. (Original) The message routing system of claim 14, wherein a context to an invocation
2 includes arguments to an invoked service.
- 1 18. (Original) The message routing system of claim 14, wherein a context to an invocation
2 includes a session identifier for said message.
- 1 19. (Original) The message routing system of claim 14, wherein a context to an invocation
2 includes a topic for said message.
- 1 20. (Original) The message routing system of claim 14, wherein a context to an invocation
2 includes billing responsibility for said invocation.
- 1 21. (Original) The message routing system of claim 14, wherein said message routing
2 network controls at least part of an invocation.
- 1 22. (Original) The message routing system of claim 14, wherein said logical routing occurs
2 prior to a physical routing of a message.
- 1 23. (Original) The message routing system of claim 14, wherein at least part of said logical
2 routing occurs after initiation of a physical routing of a message.
- 1 24. (Original) The message routing system of claim 14, wherein physical routing of a
2 message occurs at identified points during said logical routing.
- 1 25. (Original) The message routing system of claim 14, wherein a context of an invocation is
2 included at least in part in a header element of a message.

1 26. (Original) The message routing system of claim 14, wherein a context of an invocation is
2 included at least in part in a body element of a message.

1 27. (Original) The message routing system of claim 14, wherein a context of an invocation is
2 included at least in part in an attachment of a message.

1 28. (Currently Amended) A message routing method, comprising:

2 (a) invoking a first service that receives only logical delivery of an application-level
3 message, said application-level message being received over a public network, wherein said first
4 service invocation has a first context defined at least in part by a first invoking service;

5 (b) invoking a second service, said second service invocation having a second context
6 that is defined at least in part by said first service, wherein said second service invocation is
7 managed by a message routing network on behalf of said first service; and

8 (c) delivering said message having said second context to said second service over said
9 public network.

1 29. (Original) The message routing method of claim 28, wherein a context of an invocation is
2 defined at least in part by a header of a message.

1 30. (Original) The message routing method of claim 28, wherein a context to an invocation
2 includes an identity of an invoker service.

1 31. (Original) The message routing method of claim 28, wherein a context to an invocation
2 includes arguments to an invoked service.

1 32. (Original) The message routing method of claim 28, wherein a context to an invocation
2 includes a session identifier for said message.

1 33. (Original) The message routing method of claim 28, wherein a context to an invocation
2 includes a topic for said message.

1 34. (Original) The message routing method of claim 28, wherein a context to an invocation
2 includes billing responsibility for said invocation.